



ABSTRACT

Animal Husbandry Department – “Advanced Institute for Integrated Research on Livestock and Animal Sciences” (AIIRLIVAS) - Administrative sanction for an estimated total cost of **Rs.564.44 Crore** for implementation of the establishment of AIIRLIVAS at Thalaivasal Koot Road, Salem District – Orders – Issued.

Animal Husbandry, Dairying and Fisheries (AH2) Department

G.O. (Ms) No.187

Dated : 30.12.2019

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Read:-

1. G.O. (Ms) No.121, Animal Husbandry, Dairying and Fisheries (AH2) Department, dated 28.08.2019.
2. G.O. (Ms) No.152, Animal Husbandry, Dairying and Fisheries (AH2) Department, dated 31.10.2019.
3. G.O. (Ms) No.154, Animal Husbandry, Dairying and Fisheries (AH2) Department, dated 01.11.2019.
4. From the Managing Director, TWAD Board Letter No.F.250719/WS to Livestock-Salem/AE3/PDC/ 2019, dated 06.09.2019.
5. From the Director of Animal Husbandry and Veterinary Services Letter Roc.No.8075/D2/2019, dated 30.10.2019.

ORDER:-

The Director of Animal Husbandry and Veterinary Services has stated that the Hon'ble Chief Minister announced on the floor of the Assembly on 13.02.2019 under Rule 110 of Tamil Nadu Legislative Assembly, the “Establishment of Salem Integrated Livestock Park” at Thalaivasal Koot Road, Salem District. Accordingly, a proposal detailing the various activities proposed to be undertaken by the various departments and organisations in the Project was submitted. Consequently the following activities have been carried out by the Department:-

a) Since the Project is multi sectoral and inclusive, the successful implementation of the Project of such a scale and complexity requires the expertise of an agency well versed in the process of conduct of pre-feasibility studies, preparation of concept note and preparation of Detailed Project Report. Orders have been issued vide Government Order first read above to engage the services of NABARD Consultancy Services (NABCONS) for preparation of pre-feasibility study and Detailed Project

Report at a cost of Rs.1.8744 crore under section 16(bb) of Tamil Nadu Transparency in Tenders Act, 1998. NABCONS was entrusted with the responsibility of

- preparing pre feasibility study to assess the viability of the Project
- undertake total station survey to study the contours of the Project area so as to decide on the location of the various components / sub components in consonance with technical requirements and biosecurity protocols.
- NABCONS was also asked to prepare the Detailed Project Report (DPR) for assessing the financial requirements as well as indicate the capital cost and recurring cost for the project.
- NABCONS was also entrusted with the responsibility of preparing the master plan and elevations for iconic structures proposed in the project

b) Accordingly, NABCONS carried out the above activities and prepared a concept note based on the inputs provided. The growth trends of the Animal Husbandry Sector *viz-a-viz* Agriculture sector and the opportunities and challenges that the sector faces were critically analysed. The gaps in the sector like lack of adequate infrastructure for processing of products of livestock origin, lack of skill sets among farmers and entrepreneurs, lack of business incubation opportunities for entrepreneurs, lack of research platforms on contemporary issues plaguing livestock sector etc were identified. The project was hence conceived to address the above gaps and to spur economic growth that has a multiplier effect in the entire region.

c) The concept note thus prepared was broadly agreed to by the Government and the various components that were proposed to be established in the AIIRLIVAS were decided. NABCONS conducted a prefeasibility study of the AIIRLIVAS project. The location of the various components was also determined based on the total Station Survey after multiple rounds of discussions at various levels and the lay out map was finalised.

d) The Director of Animal Husbandry and Veterinary Services has further stated that the establishment of AIIRLIVAS involves numerous responsibilities like preparation of the plans, assisting the Government in finalising architectural designs, understanding the requirements of contemporary research in the Animal Husbandry and Veterinary Services Sector, planning and executing the establishment of processing units, incubation centres and seamless integration of various activities. In this regard, a technical team has been formed in Government Order second read above appointing one Officer on Special Duty, one Technical Consultant and one Assistant Technical Consultant. The Officer on Special Duty shall be responsible for establishment of the "Advanced Institute for Integrated Research in Livestock and Animal Sciences" in the manner prescribed. The Officer on Special Duty shall liaise with the concerned Government Departments, provide guidance to the Government on various

technical issues and monitor the process of establishment of the various components. The Technical Consultant will assist the department in the management of the project in co-ordination with the Officer on Special Duty, coordinate preparation of Master Plan, Detailed Project Report as per the guidelines of the funding agencies and liaise and coordinate with the stake holding departments to ensure effective implementation of various components of the project. The Assistant Technical Consultant shall assist the Officer on Special Duty at the project site, besides co-ordinating with the implementation and monitoring various aspects of the project right from the preparation of Detailed Project Report, obtaining necessary clearances and approvals from various regulatory authorities and for project management co-ordination at every stage of implementation at the project site till its completion.

e) The Director of Animal Husbandry and Veterinary Services has also stated that the concept of the project was presented to the Hon'ble Chief Minister by means of a video presentation. All valuable suggestions and guidance given by the Hon'ble Chief Minister, Hon'ble Ministers of Fisheries, Animal Husbandry and Dairying, the Chief Secretary and the Principal Secretary, Finance for the efficient implementation of the project have been incorporated in the preparation of the Detailed Project Report.

2. The various interrelated activities that are proposed in the Detailed Project Report will be clustered into Ten major complexes as follows, which will have several units/facilities:-

1. **Livestock farm complex** comprising of indigenous cattle unit, sheep and Goat unit, Piggery Unit, native dogs unit, animal quarantine and isolation facilities, farm veterinary hospital, clinical lab and poultry units.
2. **Dairy processing and Product manufacturing complex** comprising of cross/ bred dairy cattle unit, Dairy processing and product manufacturing facility and cattle feed and mineral mixture manufacturing units.
3. **Fisheries Demonstration complex** comprising of Intensive fish seed rearing with aeration facility, modern fish kiosk, Aquaponics unit and Ornamental fisheries unit.
4. **Post graduate Education complex** comprising of Administrative block, Academic block, laboratories, faculty rooms, hostels and quarters.
5. **Extension and Skill Development complex** comprising of Skill Development and Training Centre, instrumentation and fabrication centre, Model Units, Integrated Farming Systems and hostels for trainees and farmers.
6. **Research complex** comprising of Livestock Breeding and technology Unit and Research Units
7. **Business Incubation and Seamless Integration Complex** comprising of Business Incubation Centre and Centre for Seamless Integration.

8. **Meat production and Processing complex** comprising of separate slaughter and processing facilities for Sheep and Goats, Poultry and Pigs.
9. **Forage Research Zone** with demarcated areas for irrigated fodder, Dry fodder, silage, sylvipasture and fodder seed production
10. **Public Interaction Zone** comprising of Public Interaction Zone including children's park, amphi-theatre, Interpretation centre with AR/VR facilities, car park, marketing facilities for livestock products, farm inputs, fodder inputs and farm equipment, food court and rest rooms, rest kiosk for public and Bank branch and ATM
11. **Common Facilities** including Multi-facility administration building, staff quarters, guest houses, internal water supply arrangements, water harvesting structures, Electricity transformers and transmission lines, service and internal roads, drainage systems, waste management, model solar power generation units, parking facilities, compound wall, gates and arches etc.,

3. In the Government Order third read above, orders have been issued for an amount of Rs.1.8744 crore for preparation of Detailed Project Report and an amount of Rs.20.00 lakh (0.05% of Project Cost) for pre feasibility study to NABCONS for implementation of the " AIIRLIVAS".

4. The Department has consented to the proposal of Tamil Nadu Water Supply and Drainage Board to establish a dedicated water supply arrangement for the Institute from River Cauvery at Koodakkal village of Edappadi block. The Tamil Nadu Water Supply and Drainage Board has commenced detailed investigation for the purpose of preparation of Detailed Project Report.

The following activities have also been initiated:-

- The Tamil Nadu Energy Development Agency has been approached to assist in the establishment of a Model solar energy unit within the AIIRLIVAS
- The Tamil Nadu Generation and Distribution Corporation (TANGEDCO) has been approached to provide electricity to the AIIRLIVAS.
- The National Highways Authority of India and the State Highways Department have also been requested to provide a subway across the NH 79 at an appropriate location to provide a hassle free connectivity between the Veterinary College and Research Institute, Salem and the other components of AIIRLIVAS.
- The Chief Architect of Public Works Department was requested to prepare elevations and detailed designs for various iconic buildings that are proposed to be constructed in AIIRLIVAS and the Hon'ble Chief Minister selected the designs for the buildings on 20.11.2019.

- The Agriculture Engineering Department has been requested to undertake creation of as many numbers of farm ponds and two big water bodies at appropriate locations within the AIIRLIVAS.
- The Department of Animal Husbandry is contemplating to establish an exclusive Directorate for the purpose of administering the AIIRLIVAS with officials drawn on deputation initially from the stakeholding departments till officials with prescribed qualifications are posted exclusively for AIIRLIVAS.
- The Director of AIIRLIVAS will be guided by a high level Project Management Committee under the chairmanship of the Hon'ble Minister for Animal Husbandry, with the Principal Secretary to the Government, Animal Husbandry, Dairying and Fisheries, Director of Animal Husbandry and Veterinary Services (as the Convenor), Managing Director, Tamil Nadu Co-operative Milk Producers Federation, Director of Fisheries, Vice Chancellor, Tamil Nadu Veterinary and Animal Sciences University and Special Secretary to Government (Finance) as members to monitor the progress of AIIRLIVAS project activities.
- The erstwhile Sheep farm, Chinnasalem, which is the project site, was functioning under the administrative control of the Regional Joint Director, Villupuram. A major portion of the project site extending to approximately 1,000 acres is located in the Salem District portion of the Sheep farm. In order to ensure hassle free implementation of the project, the technical control of the farm has been transferred from Regional Joint Director, Villupuram to Regional Joint Director, Salem vide G.O(Ms.)No.177, Animal Husbandry, Dairying and Fisheries (AH2) Department Dated: 02.12.2019.

5. The total project cost is Rs.564.44 Crore out of which Rs.482.70 Crore is the capital cost and Rs.81.76 Crore is the annual recurring cost. A sum of Rs. 35.65 Crore has already been sanctioned by the State that includes Rs.14.12 Crore under State Fodder Development Scheme (SFDS) and Rs.21.53 Crore under National Agriculture Development Programme (NADP) 2019-20 and thus a sum of Rs.447.05 Crore needs to be tied up towards the capital cost.

Sl. No.	Detail	Amount (Rs in Crore)
1	Capital Cost	482.70
2	Annual Recurring Cost	81.76
3	Total Project Cost	564.44
4	Funds already tied up	35.65
5	Funds to be tied up (Row 1-Row 4)	447.05
6	Upfront loan from NABARD	447.05

A sum of Rs. 30.37 Crore is required during the financial year 2019-20, Rs.373.23 Crore during 2020-21 and Rs.43.45 Crore during the year 2021-22, as detailed below:-

Abstract of Year wise fund requirement			
(Rupees in Crore)			
2019-20	2020-21	2021-22	Total
30.37	373.23	43.45	447.05

6. The Director of Animal Husbandry and Veterinary Services has therefore requested orders on the following:-

- 6.1. To approve the Detailed Project Report (DPR) prepared by NABCONS for a **total project cost of Rs 564.44 Crore** and to forward the same to NABARD for **upfront funding for a sum of Rs.447.05 Crore** being the capital cost excluding the sum of Rs.35.65 Crore, already sanctioned, in a phased manner. **The annual recurring cost of Rs 81.76 Crore may be borne by the State Government and** to approve the proposed phasing of execution of the various components / sub components.
- 6.2. To accord in principle clearance to establish a Directorate exclusively for the AIIRLIVAS to implement the activities at the project site under the direct administrative control of the Department of Animal Husbandry, Dairying and Fisheries, Government of Tamil Nadu to coordinate with various other Heads of Departments to create the facility, develop an operating system to make this institution financially sustainable.
- 6.3. To constitute a 'High Level Project Monitoring Committee' under the chairmanship of the Hon'ble Minister for Animal Husbandry, with the Principal Secretary to the Government, Animal Husbandry, Dairying and Fisheries, Director of Animal Husbandry and Veterinary Services (as the Convenor), Managing Director, Tamil Nadu Co-operative Milk Producers Federation, Director of Fisheries, Vice Chancellor, Tamil Nadu Veterinary and Animal Sciences University and Special Secretary to Government (Finance) as members to monitor the progress of AIIRLIVAS project activities.
- 6.4. To permit the Director of Animal Husbandry and Veterinary Services to engage the Architectural wing of Public Works Department, Government of Tamil Nadu for preparing detailed estimates for all the proposed civil construction works in Advanced Institute for Integrated Research on Livestock and Animal Sciences and also permit the Public

Works Department to undertake construction of all the proposed civil structures as this is not covered under the scope of NABCONS.

- 6.5. To permit the Director of Animal Husbandry and Veterinary Services to undertake the development of non-civil structures and installation of equipment till the new Directorate of AIIRLIVAS is established.
- 6.6. To permit the Director of Animal Husbandry and Veterinary Services to engage the Water Resources Organisation (WRO)/ Agriculture Engineering Department to undertake the development and interlinking of all the existing water bodies in the project area and also establish two big water recharge structures.
- 6.7. To permit the Director of Animal Husbandry and Veterinary Services to engage appropriate agencies and officials of State Highways department for constructing a subway / underpass under the National Highways-79 at an appropriate place connecting the Northern and Southern sides of the project area.
- 6.8. To permit the Director of Animal Husbandry and Veterinary Services to approach the Tamil Nadu Energy Development Agency (TEDA) for necessary technical and financial support for establishing Model Solar energy units for harnessing alternate energy sources.
- 6.9. To permit the Director of Animal Husbandry and Veterinary Services to engage a Project Management Consultant (PMC) to support continuous monitoring of the implementation of the project components and sub components.

7. The Director of Animal Husbandry and Veterinary Services has therefore requested the Government to accord administrative and financial sanction for an estimated total cost of **Rs.564.44 crore** to enable implementation of the project of establishment of Advanced Institute for Integrated Research on Livestock and Animal Sciences at Thalaivasal Koot Road, Salem District at the earliest.

8. The Government after careful examination accept the proposal of the Director of Animal Husbandry and Veterinary Services and accord administrative sanction for an estimated total cost **Rs.564.44 crore** to enable implementation of the Project of establishment of Advanced Institute for Integrated Research on Livestock and Animal Sciences at Thalaivasal Koot Road, Salem District and permission is also accorded to the Director of Animal Husbandry and Veterinary Services for the implementation of the AIIRLIVAS at Thalaivasal Koot Road in Salem District as stated in para 6 above.

9. This orders issues with concurrence of the Finance Department vide its U.O.No.64386/AHD&F /2019, dated: 17.12.2019.

(By order of the Governor)

K. GOPAL
PRINCIPAL SECRETARY TO GOVERNMENT

To

- The Director of Animal Husbandry and
Veterinary Services, Chennai-35.
The Managing Director, Tamil Nadu Water Supply and
Drainage Board, Chennai-5.
The Director of Milk Production and Dairy Development, Chennai-51.
The Director of Fisheries, Chennai-35.
The Registrar, Tamil Nadu Veterinary and Animal
Sciences University, Chennai-51.
The Dean, Dr.M.G.R. Fisheries College and Research Institute,
The Registrar, Tamil Nadu Dr.J.Jayalalithaa Fisheries University,
Nagapattinam.
The Accountant General, Chennai-18/18(By Name)
The Pay and Accounts Officer(South), Chennai-35.
The Chief General Manager, NABARD Regional Officer, Tamil Nadu,
Chennai-32.
The Principal Consultant, NABARD Consultancy Services,
Regional Officer, Tamil Nadu, Chennai-32.
The Chief Engineer(Buildings),
Public Works Department, Chennai-5
The Chief Architect, Public Works Department, Chennai-5
The Chief Engineer, Agricultural Engineering
Development, Chennai-35.
The Chief Engineer, Highways Department, Chennai-25.
The Managing Director, Tamil Nadu Energy Development
Agency, Chennai-06

Copy to :

- The Resident Audit Officer, Chennai-9.
The Finance(AHD&F/ Salaries/Budget-II) Department, Chennai-9.
The Principal Secretary to Hon'ble Chief Minister,
Chennai-9.
The Special Personal Assistant to Hon'ble Deputy
Chief Minister, Chennai-9.

(P.T.O)

The Special Personal Assistant to Hon'ble Minister
(Animal Husbandry), Chennai-9

The Private Secretary to Principal Secretary to
Government, Animal Husbandry, Dairying and
Fisheries Department, Chennai-9.
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//Forwarded by Order//

(Gracie Joseph)
Under Secretary to Government

(Gracie Joseph)
Under Secretary to Government

(S.Karthikeyini Rohini)
Under Secretary to Government